

SPECIFICATIONS

SHIELDING REQUIREMENTS
BACK WALL 2"THK LEAD
SIDE WALLS 3/4"THK LEAD
ROOF 12"THK LEAD

CONSTRUCTION: MODULAR

STRUCTURE: SELF-SUPPORTED
COMMERCIAL RATED: 40 LBS LIVE WEIGHT/SQ FT
100 LBS DEAD WEIGHT/SQ FT

OVERALL DIMS:
1.75M Avg WIDTH X 11.52M LONG X 3.35M HIGH (5'8" X 37'7" X 11')
CLEAR HEIGHT INSIDE: 3M (10')
DOOR OPENING: 2.4M HIGH X 1M WIDE (8'X 3.3')

BLOWING DOORS: TWO MANUAL, FIXED BY LATCH
TWO PNEUMATIC WITH MANUAL OVERRIDE

STANDARD SIDE PANEL: 1M WIDE X 3.3M HIGH (3.3X11')
SANDWICH CONSTRUCTION:
STEEL 3mm (3/16") (15GAL) - LEAD 19mm (3/4") - STEEL 8mm (5/16")
STRUCTURE: 3 1/2" X 3 1/2" X 1/4" STEEL ANGLE, ALL AROUND
WEIGHT: 2280LB

STANDARD BACK PANEL: 1M WIDE X 3.3M HIGH (3.3X11')
SANDWICH CONSTRUCTION:
STEEL 3mm (3/16") (15GAL) - LEAD 50mm (2") - STEEL 8mm (5/16")
STRUCTURE: 3 1/2" X 3 1/2" X 1/4" STEEL ANGLE, ALL AROUND
WEIGHT: 5680LB

STANDARD ROOF PANEL: 1M WIDE X 1.75M LONG (3.3X5'8")
SANDWICH CONSTRUCTION:
STEEL 3mm (3/16") (15GAL) - LEAD 12mm (1/2") - STEEL 8mm (5/16")
STRUCTURE: MC 4 X 18.3 STEEL CHANNEL, ALL AROUND
WEIGHT: 1195LB

STANDARD DOOR PANEL: 1M WIDE X 2.3M HIGH (3.3X7')
SANDWICH CONSTRUCTION:
STEEL 3mm (3/16") (15GAL) - LEAD 19mm (3/4") - STEEL 8mm (5/16")
WEIGHT: 1475LB

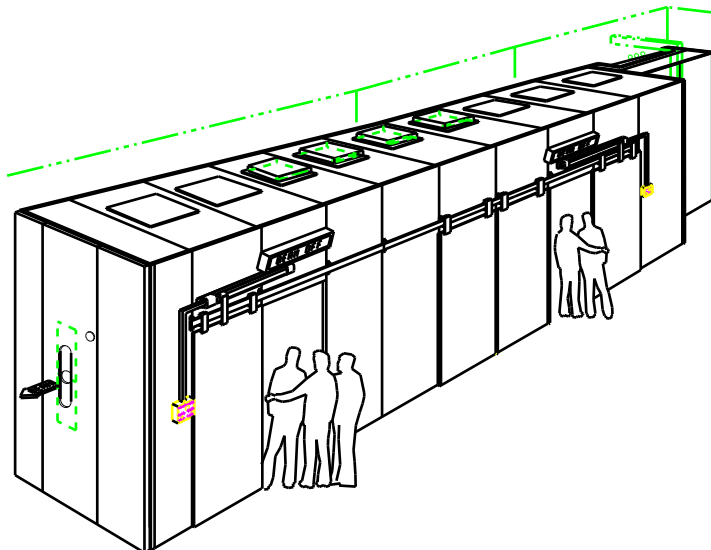
LABYRINTH PANELS: UTILITIES, CABLES, VENTILATION, OZONE

UTILITIES: CHILLED WATER: 5°-6°C (41°-1.5°F)

D: WATER
COMPRESSED AIR 30psi
ELECTRICAL POWER 300VA 120/208V

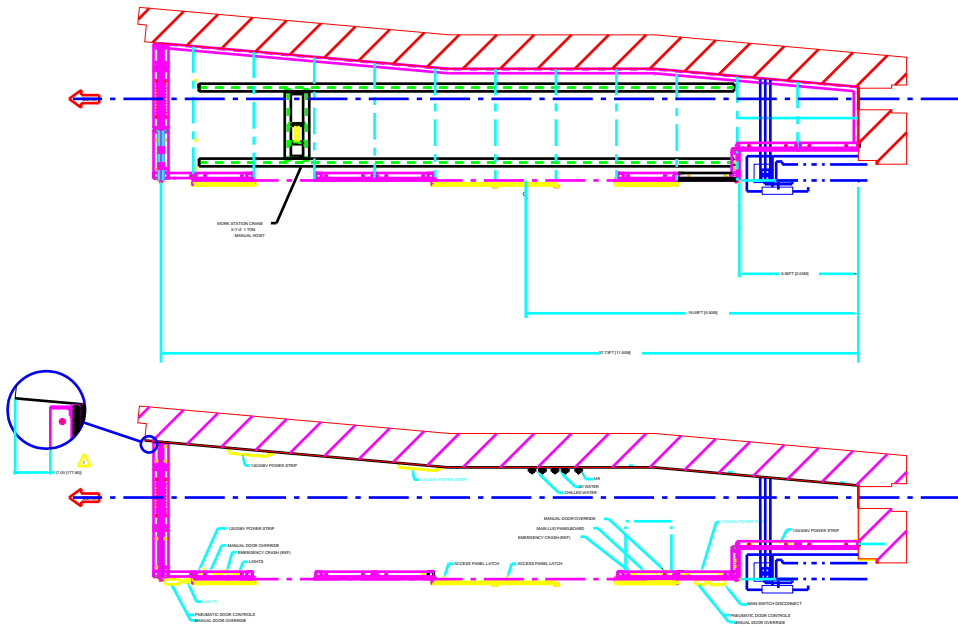
WORK STATION CRANE WITH MANUAL HOIST:
SPAN 1.14M (3.75') X RUNWAY LENGTH 9.05M (29.53') X CLEAR HEIGHT 3M (10')
CAPACITY: 1000kg (1 TON)

ILLUMINATION: FLUORESCENT- OFFICE RATED: 100 FOOT CANDLE



NOTES
1- THE HUTCH MANUFACTURER SHALL BE RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF THE HUTCH, AND SHALL CERTIFY THAT THE STRUCTURE WAS REVIEWED BY A LICENSED STRUCTURAL ENGINEER.
STRUCTURES AND THEIR ELEMENTS SHALL BE BUILT FOLLOWING DOE 840 AS REFERRED TO IN TECHNICAL SPECS. DESIGN LOADS SHALL INCLUDE LOADS THAT CAN OCCUR DURING CONSTRUCTION. DEAD LOADS SHALL INCLUDE THE USE OF THE INTERIOR UNSTRUT FOR SHELVES ONE FOOT WIDE SUPPORTING LOADS OF 200 LBS.
2- LEAD THICKNESS IS SPECIFIED BY ARGONNE. THE MANUFACTURER SHALL BE RESPONSIBLE FOR PROVIDING A RADIATION LEAK PROOF HUTCH.
LEAD LINED PANELS SHALL BE CONSTRUCTED FROM SINGLE UNPERFORC SHEET, FREE OF OXIDE INCLUSIONS, FISSURES, VOIDS AND ALL OTHER DETRIMENTAL DEFECTS. MATERIAL SHALL BE LEAD GRADE 'C' TO COMPLY WITH FEDERAL SPECIFICATION QSL-201. HUTCH SHALL MEET ALL APPLICABLE RADIATION GUIDE LINES REFERRED TO IN TECHNICAL SPECS.

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
2	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
3	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
4	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
5	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
6	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
7	01/01/2020	ISSUED FOR CONSTRUCTION	ARGONNE
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